

ABSTRACT

[0023] The invention relates to improved ammunition for pistols and carbines to provide a cartridge that may be used within the restricted dimensions of these weapons while increasing the effective range normally associated with such ammunition. Additionally, the velocity increase creates sufficient projectile cross-sectional energy to allow the perforation of certain body armor types. The invention provides a cartridge which by means of diameter reduction of the case in the area of the front and the application of a sabot or bore carrier assembly allows a small diameter projectile, typically 5.56 millimeters, to be fired from a short compact ammunition that may be employed in a pistol size weapon. A weapon chamber is dimensioned to accept the cartridge as described at a tolerance between approximately 3 and 9 one thousandths of an inch.